511 [207] [291] [178] [177] Only one man owns a mosquito net and there is only one transistor radio in the village. Some of the older people still wear tapa cloths but new ones are seldom made now. The more common form of dress is a pair of shorts, a skirt or a laplap, the skirts being mostly sewn at mothers' union sewing classes run by the Anglican mission at Sasembata.

411 [435] Two men in the sample own shotguns, costing $58.75 and $59.75. These are the only items in the village representing large capital outlays and several other men had made contributions of $2 and $6 towards their purchase, so they can borrow them in return.

342 178 None of the houses conforms to the traditional Orokaiva style, but all are built wholly of local materials. They contain no raised platforms for sleeping, no shelves for food storage, and no cooking facilities other than an open fire. One man has built a 'kitchen extension' to his house while several other households cook primarily in shelters outside. Also, one man has built a simple table and bench outside and some members of the household occasionally eat at this.

312 487 ●514 A creek running beside the village provides the water for bathing, cooking, laundering, washing dishes and pulping coffee. Paths are narrow and unimproved despite constant use so that they become difficult to negotiate in wet weather. Not all households have pit latrines and those that do only use them irregularly. Small children often defecate on the village surrounds and standing water in various parts is a further health hazard.

Inonda

133 134 Inonda lands run from the low plains (200 feet above sea level), beside the Sambogo and Girua rivers, into the foothills of the Hydrographers Range. They include a variety of landforms, soils and vegetation - one-third of the village lands are covered with soils of the Popondetta family, which are well-drained sandy loam volcanic soils, supporting grasslands of Saccharum spontaneum-Imperata cylindrica alliance; one-fifth consists of coarse-textured riverine deposits which are moist, apparently fertile and support forest and regrowth. These are preferred for food gardens, although gardens are also made on the lower valley slopes of the Hydrographers, where the soils consist of well-drained clay loams covered with dense forest or secondary growth. The soils of the foothills are shallow and stony, supporting lower montane rainforest and, as with the grasslands, this area is used only for hunting and foraging. [31] The CSIRO survey classifies most of the Inonda lands as having moderate land-use potential.

796 The same pattern is found in the dancing which occurs nightly
177 before a major feast is held or before certain initiatory rites (like
the kere) are concluded. These are now referred to as "practise,"
[535] even though they are undoubtedly ritual acts in their own right. It
is also significant that the Orokaiva seasonal rites have been fitted
in as part of the Christmas and Easter observances, apparently as an
exotic appanedage, but in fact as a means of preserving traditional
religious obligations, even though in a changed form.

659 The same service of two masters is sometimes seen in the secular
sphere. People built lavatories, on official instructions, long before
[514] they dared to use them (for fear of sorcery). At Kendata, an hour's
754 walk from Sivepa, I saw a village with new houses, built on the govern-
[361] ment's instructions, but I was told nobody lived there except when
there was a visit from the patrol officer. There are many such villages
in the Managalasi district. Here, government instructions are being
complied with but customary patterns have persisted. In Sivepa, not
very much show needed to be put on for the patrol officer. The place
was cleaned before he arrived, of course, but not significantly more
so than happened every week.

123 It is true that certain things were concealed from me in Sivepa,
but these fell largely into some simple and reasonable categories:
secrets known only to initiated men, secrets known only to members
of a family or of the Seho clan. It was not a practise of the people
to pretend to adhere to a custom they had abandoned or to pretend to
881 have abandoned what they were still practising. In the early days of
our stay, this did happen; it took some months before we discovered
that girls were secluded upon their first menstruation and then ceremoni-
ally exhibited. We were told this custom no longer existed. But then,
we had referred to the custom with reference to what Williams said
about it; and in that form, perhaps, it was not or no longer practised
[841] in Sivepa. Later, I was told that if the ceremony was not performed
[783] girls could not control their menses; there would be no way of stemming
the flow of blood and everything would be polluted. Thus, the ritual
has persisted. Whether full-grown girls, completely naked, are carried
through villages at the present time I very much doubt (vis Williams,
1930: 207). I was told that these customs lasted until the second
534 world war and then were abandoned. But I found the word "abandoned"
782 always a dangerous one; the calling down of spirits with bullroarers
178 in preparation for a feast (viz. Williams) was also, according to
Sivepa informants, an "abandoned" custom; yet it happened in both
Inonda and Urarituru (a mile from Sasembata mission station) in 1967.
It was true that it had not been done in Sivepa for some time--not
since the middle fifties--and that there was no immediate intention
of doing it again. On the other hand, Sivepa knew the use of bull-
roarers as a means of calling down spirits which would then be
present at a feast and give this feast magical potency. For the time
being, Sivepa people evidently feel that this procedure is unnecessary
for the achievement of their immediate ends but it is still part of the
store of available possibilities should a need appear to arise.

TABLE 10

CHANGES IN HOUSE DESIGN,
HOUSE CONSTRUCTION AND
DOMESTIC AMENITIES IN SIVEPE, 1936-1966
(Comparison between standards reportedly applied
on four successive village sites)

Elements	1. Pusahembo (pre-war)	2. Pembe (between war and eruption)	3. Old Sivepe (after eruption, until 1965)	4. New Sivepe (1966)
Floor level	Raised on posts	Raised on posts	Raised on posts	Raised on posts
Flooring material	Betelnut, wide gaps	Betelnut: no gaps	Some betelnut, some blackpalm	Some betelnut, some blackpalm
Windows	No windows	No windows	Small windows	Large windows
No. of rooms	Three	Three	Three	Three
Walling material	Split sago	Split sago	Split sago	"Timber"
Nails: framing	Nil	Younger people	General	General
Nails: walls	Nil	Nil	Nil	General
Shrubs	Beside houses	Beside houses	Beside houses	To mark paths
Betelnut	Planted	Planted	Planted	Planted
Coconut	Few	More	More	More
Waste disposal	In gully	In gully	In gully	Rubbish holes
Pigs	Present	Present	Present	Absent
Hen houses	Absent	Absent	Absent	Pens built
Lavatories	Absent	Absent	A few	General
Floor area	"Very small"	"Bigger"	"Much bigger again" (200 sq. ft.)	"Big" (375 sq. ft.)

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22: Schwimmer E-4,5 (1966-1967) 1969 QJ23 Orokaiva QJ23 Mount Lamington

liberately endeavored to keep everyone busy, and the men spent much of the time in work gangs (e.g. Monday, Tuesday and Wednesday were usually devoted to house-building; Tuesday, Wednesday and Thursday to gardens; Friday to roads and hygiene). But leadership and organization were creatures of Government, and to some extent of Mission. There were no significant signs of a self-motivated superstructure taking form other than the strengthening of scattered clan ties. Consequently, should larger communities be established with the purpose of preventing the people from scattering out again, they would have to be bureaucratically or theocratically controlled with all the dubious consequences such a situation can entail.

2. Reasonable law and order was being maintained in the new settlements, under the eye of a considerable force of the Papuan Constabulary sent in for the emergency. Opponents of a concentration policy claimed, however, that the older patterns of intergroup hostility and violence are not far enough below the surface to justify the risks involved in larger long-term aggregation. As indicated, problems of land tenure are a major potential source of conflict. Another is "woman trouble," judging from experience in the camps where husbands and wives find themselves in informal association with members of the opposite sex, in contrast to the normal tightly structured small units.

3. Not least among the uncertain factors is that of sorcery. According to those who manage the settlements, fear of coming under the influence of strangers who practice sorcery shows itself as a vague but persistent factor. Most overtly it has emerged in connection with the disposal of waste products in the large camps. In typical Papuan fashion the Orokaiva is extremely secretive in his disposal of faeces and other leavings of his body because of the possibility of their use against him in harmful magic. A crucial question, therefore, has been whether group toilets could provide enough anonymity to forestall opportunities for the practice of sorcery. The problem was dealt with where possible by putting men's and women's latrines over running water. This social-supernatural sanitation problem could be serious where long term settlement of large groups is being planned.

4. On the economic side, no sound basis seems in sight for establishing large permanent communities in the comprehensive manner proposed. As indicated, the familiar pattern of shifting gardens will normally involve seasonal movement outward from the immediate environs of the new settlements where most present cultivations are now being made. As yet, no widespread disposition exists to adopt more intensive sedentary cultivation, although undoubtedly some will be prepared to try to continue cooperative experiments with rice and other crops and, hence, will be amenable to Government and Mission encouragement and aid here. As in socio-political affairs, the responsible organization and leadership would in general have to be provided from outside, with the dependence relationship that this implies. Government might have to continue helping any large community for an indefinite period, as with the mechanized agricultural production it is introducing at the Ilimo camp. In large settlements the technique of handling domestic pigs and chickens, vital sources of protein, is always a difficult